



**30-3000 MHz 30 dB Dual Directional Coupler**

**P/N: AM1515DC870**

Frequency range	30 - 3000 MHz		
Coupling Value Coupling Flatness	30-380 MHz	380-500 MHz	500-3000 MHz
	33-50 dB Nom. N/A	30 +3/-2 dB ± 1	30 ± 2 dB ± 0.6
Directivity	TYP		MIN
	25 dB		15 dB
Insertion Loss	TYP		MAX
	0.12 dB		0.20 dB
VSWR and (Return Loss) Input and Output Coupled Port	TYP		MIN
	1.07 (30 dB) 1.15 (23 dB)		1.25 (19.8 dB) 1.5 (14 dB)
Impedance	50 Ohm		
Intermodulation IM3 (2 x 43 dBm carrier)	155 dBc		
Max. Power	500 W Avg, 3KW Peak		
Termination Max. Power	3 W Avg		
Connectors	TYPE N Main Line, female SMA(f) Coupled Ports		
Material: Housing Inner Conductor & connectors	Aluminum, Conversion Coating Brass, Silver Plated		
DC continuity Input ↔ Output Input ↔ Coupled Port	RF and DC RF only		
Weight approx	1.2 kg (2.64 lb)		

- 500 W average power
- Low VSWR and Loss
- High reliability, Low PIM
- ROHS Compliant

